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AGRICULTURAL LIBRARIES INFORMATION NOTES

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COOPERATIVE INDEXING AT THE UNIVERSITY OF GEORGIA

by
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The University of Georgia science faculty engages in a multitude of research projects, principally in the areas of agriculture and the life sciences. The Science Library collection is centralized, supporting research and teaching activities through periodical subscriptions numbering well over 5,000 titles and a research collection of one-half million volumes. The Science Library's On-line Services staff executes approximately 75 computer literature searches each month and maintains about 60 SDI or current awareness profiles for researchers. Eight members of the staff perform on-line searches.

Our intensive use of databases which cover agriculture and veterinary medicine prompted two members of the reference staff to accept an offer to become involved in the Cooperative Indexing Project for the National Agricultural Library's (NAL) AGRICOLA database. Since we make daily use of the file in conjunction with other databases we had ample opportunity to compare our retrieval among the files. We reasoned that a fuller understanding of how the AGRICOLA database was constructed would enhance our ability to search it. We hoped that first-hand application of the subject category codes, for example, would enable us to refine our own search strategies and thereby retrieve a higher number of pertinent citations. In deciding who should participate in the project we concluded that it would be best if two people engaged in the indexing activity on a part-time basis. We felt that any benefits derived from the indexing activity would most quickly flow through to reference or on-line services if the indexers participated simultaneously in the other activities.

The initial list of titles to be indexed included Georgia Agricultural Experiment Station and Cooperative Extension publications, numbering nearly 100 pamphlets per year. We were especially anxious to provide full coverage of these publications because we have frequently found inadequate bibliographic control of this type of document. We accordingly contacted the distribution coordinator for each category of publication. We found that even within the respective offices there was inadequate information about what was being issued in branch offices throughout the state. Although our geographic proximity will assist us in tracking down "fugitive" publications, we fear that some will remain unrecorded until long after the initial publication date.

We are also responsible for indexing science journals which originate in Georgia. This category of materials includes the Journal of the Georgia Academy of Science, Georgia Cattleman, Georgia Forestry, Rural Georgia, and the Georgia Veterinarian. Some of these, such as Rural Georgia are ephemeral, but include articles of regional interest that would not be indexed elsewhere.

Horticulture and general agriculture were chosen as our areas of special emphasis for most of the list of titles to be indexed. We reasoned that these two areas would have a minimum of highly technical literature. The NAL indexing staff compared the University of Georgia's Current Periodicals List with its list of titles indexed and selected approximately 80 titles which we were to begin indexing with the January 1984 issues.

Before commencing indexing, we spent 1 week at NAL. During that time, the NAL indexing staff introduced us to their procedures. They gave us preliminary instruction on how to complete the indexing worksheets and background information on how to apply the subject category codes. Unfortunately, the brief training period allowed little time for practice sessions. We found that there were many details which still needed clarification when we began to work independently.

Since both members of the University of Georgia's indexing staff are simultaneously members of the reference staff, we deemed it necessary to assign separate work quarters for the indexing activity. As any public service staff member knows, once you are known as a member of the reference staff, you will be constantly interrupted as long as you are visible. A separate office, removed from the reference activity, was established. In this office we maintain a small ready reference collection.

The Current Periodicals staff annotates their check-in records for those titles which are to be sent to us. This is done before the journal is placed on the public shelves. A student assistant checks in the journal or pamphlet on our own Kardex cards to insure that we have a record of the issues we have seen. The student assistant then photocopies the tables of contents and the first page of each article. Occasional articles in foreign languages are photocopied in their entirety for indexing at NAL. The student assistant devotes approximately 1 hour per week to these activities.

The first 6 months comprised a period of relatively little activity because many of the journals which had been selected were foreign imprints and the University of Georgia had not yet received any 1984 issues. Similarly, for many American journals there was a delay before we received issues for the current year. We have found that there are patterns in the workload. For example, there is a definite influx of journals every 3 months in response to the quarterly publication cycle of many titles. Experiment Stations and Cooperative Extension publications also arrive in batches.

Our attempts to perform the indexing have not been free of frustration. The NAL Indexing Staff observes certain conventions regarding the application and order of subject codes which were not formerly understood by us as searchers of the database. There is an emphasis, for example, on what concepts within an article would interest an agronomist or an animal scientist in addition to the principal topic of the article. Differences in interpretation of category code application have prompted many office debates on the relative merits of an individual article to various categories of potential users.

Some of these concerns have stemmed from perceived differences of the needs of the AGRICOLA database user. The NAL Indexing Branch attempts to meet the needs of practitioners as well as researchers. We, on the other hand, serve scientists who are most frequently seeking original research and are less interested in applications. Therefore, we are sometimes inclined to weigh an article's usefulness from a different perspective.

The geographic separation between NAL and the Science Library has proven to be an obstacle to effective communication. Telephone inquiries are hampered by the fact that both parties need to have the full-text of the item under discussion in front of them to provide a basis for full discussion of the appropriateness of a category code or descriptor. Mail correspondence is slow and cumbersome.

Despite our concerns, the benefits of participating in the cooperative indexing project are numerous for us. We have acquired a better understanding of the idiosyncracies of the AGRICOLA database and can more confidently advise fellow searchers on the development of their search strategies. We are also keeping abreast of research fronts in agronomy, forestry, and horticulture.

The experience gained from cooperative indexing enables us to be of more assistance when patrons request references on related topics. We are expanding our knowledge of scientific terminology. Moreover, we occasionally have the satisfaction of seeing a research project on which we gave on-line search assistance come to fruition in the finished report which we are now assigned to index.

We are enthusiastic about the recent adoption of the CAB Thesaurus, the Commonwealth Agricultural Bureaux's controlled vocabulary. Use of this shared tool has led to a more consistent approach to indexing. The hierarchical arrangement of its terms provides a context for each descriptor, aiding both the indexer and the on-line user in determining the relationship of a specific concept to other concepts. Experience with the thesaurus has been both challenging and rewarding. Our initial uncertainty regarding use of terminology has greatly diminished as we have acquired greater familiarity with the vocabulary.

Cooperative indexing between NAL and the University of Georgia is a relatively new activity. Early problems have been largely overcome and significant progress has been made. We feel that our relationship with NAL has been mutually beneficial. The ultimate beneficiary, of course, is the AGRICOLA database user.

Information Alert



United States
Department of
Agriculture

From The National Agricultural Library

LIST OF KEY NAL PERSONNEL

<u>NAL ORGANIZATION</u>		<u>Area Code 301</u>	<u>DIALCOM*</u>
Director	Joseph Howard	344-4248	AGS3050
Associate Director	Samuel Waters	344-3780	AGS3051
Executive Officer	Thomas Neis	344-1570	AGS3074
EEO Officer	Armando Fernandez	344-4077	AGS3066
Collection Development	Leslie Kulp	344-1562	AGS3070
Education and Information Staff	Eugene Farkas	344-3778	AGS3052
Special Services & Communications	Maria Pisa	344-3937	AGS3307
Training & Education	Robert Butler	344-3937	AGS3062
Food, Nutrition, & Human Ecology Staff	Robyn Frank	344-3719	AGS3067
Information Systems Division	Pamela Andre	344-3813	AGS3056
Current Awareness Literature Service (CALS)	Shirley Edwards	344-3859	AGS3059
Database Management and Support	Gary McCone	344-3813	AGS3086
Information Technology	Bill Feidt	344-3813	AGS3077
Network Coordination	John Forbes	344-1563	AGS3055
Public Services Division	Keith Russell	344-3834	AGS3080
D.C. Reference Center	Mary Lassanyi (202)	447-3434	AGS3053
Economics and Marketing Reference	Jennie Brogdon	344-3704	AGS3065
Farming and Forestry Reference	Jennie Brogdon (acting)	344-3704	AGS3065
Lending	Veronica Lefebvre (acting)	344-3717	AGS3082
Special Collections	Alan Fusonie	344-3876	AGS3075
Translations Program	Michael Thompson	344-1639	AGS3081
Technical Services Division	Sarah Thomas	344-3834	AGS3061
Acquisitions	Joseph Swab	344-3732	AGS3073
Cataloging	Patricia John	344-3728	AGS3069
Indexing	Sarah Thomas (acting)	344-3834	AGS3061
Serials	Idalia Acosta	344-4230	AGS3071
<u>SERVICES</u>			
AGRICOLA Database	Pamela Andre	344-3813	AGS3056
AGRICOLA Training	Charles Bebee	344-3704	AGS3076
Agency Publications	Eugene Farkas	344-3778	AGS3052
Agricultural Libraries Information Notes	Maria Pisa	344-3937	AGS3307
Associates NAL, Inc. (Non-Government)	Maria Pisa	344-3937	AGS3307
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Coin-operated Copy Machines	Rita Spencer	344-3877	AGS3096
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Interlibrary Loans		344-3755	
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OCLC Coordinator	Claudia Weston	344-3728	
Orientation and Tours	Maria Pisa	344-3937	AGS3307
Quick Bibliographies	Jennie Brogdon	344-3704	AGS3065
Reference Desk		344-3755	
Renewal of Loans	Gloria Williams	344-3761	
Stack Passes	Ronald Young	344-4110	AGS3097
Study Carrels	Josephine McDowell	344-3877	

*The electronic mail system is provided through computer time-share services of ITT DIALCOM Inc. Electronic mailbox identifications are on computer system "57." If you are on a different DIALCOM computer system, then place a "57:" before the mailbox ID.



NAL PROJECTS AND POLICIES

NAL FULL-TEXT DATABASE NOW AVAILABLE

In order to explore the recent and rapid advances in electronic information technology, the National Agricultural Library has created its first computerized, full-text database. This represents a dramatic departure from the traditional bibliographic database because it contains the entire text of a book rather than merely a reference to it. The database, which consists of 95 chapters of the Pork Industry Handbook (a highly respected, primary reference source in the field of pork production), is now available to the public for evaluation via two media:

1. A national online search service (Bibliographic Retrieval Service), accessible throughout the United States and Canada. This version of the computerized Handbook, known as NALF (NAL Full-text), contains the entire text of the Handbook plus approximately 150 tables and all figure and table captions. The data is searchable down to the individual word level. Users can search the entire database, or they can limit their search to certain access points (such as authors, titles, section headings, or text), each of which has been labeled for easy and specific retrieval.

2. A video laser disk connected to a microcomputer, available at several different sites:

- NAL, Beltsville, Maryland
- Purdue University, West Lafayette, Indiana
- National Pork Producers Council, Des Moines, Iowa
- D.C. Reference Center of NAL, Washington, D.C. (as of September)

This version, known as PORK, includes the entire contents of NALF plus the pictures, charts, and other graphics contained in the hard copy of the Handbook. Like NALF, PORK is searchable to word level and each access point is labeled so that a search can be either general or specific. When retrieved data is displayed, the text is shown on a digital monitor and the accompanying graphics are shown on an analog monitor.

The project, under the direction of Pamela Andre, Chief, Information Systems Division, NAL, includes an evaluation study of the technology and of user acceptance of that technology. NAL is inviting all interested persons in both the public and private sectors to view and/or use the two systems.

Both the BRS online version (NALF) and the video laser disk version (PORK) of the Handbook will be demonstrated Monday, Wednesday, and Friday, 1:30-2:00 in Room 107 at NAL. Call Debbie Hanfman (344-3704) or Judi Zidar (344-3853) to be scheduled for one of these demos, as number of attendees at each demo must be limited. Those wishing to remain after a demo for hands-on experience may do so. Simple searching instructions are provided for both systems. Hands-on use is also available on a walk-in basis by contacting Terry Price in Room 111 at NAL.

Alternatively, those already familiar with BRS searching techniques and who have a communications-ready terminal, may use the BRS version of the Handbook from their homes or offices at NAL's expense. Call Debbie Hanfman or Judi Zidar to obtain a password and access instructions.

Hands-on users are asked to complete a short questionnaire about their experience with the computerized Handbook. This feedback will focus on two important questions:

Are there advantages to publishing information electronically?

Is the public ready to accept and utilize this electronically delivered information?

The answers will help NAL with future planning of information storage and delivery systems.

The vast space and time-saving potential of electronic storage and retrieval makes it an inviting medium to the information specialist looking for better means of controlling the masses of information which bombard us daily. NAL has taken an important first step toward utilizing this impressive new technology. Interest and feedback are welcome.

— Judi Zidar
Technical Information Specialist
Information Systems Division
(301) 344-3853



NAL TO MANAGE FEED COMPOSITION DATA BANK

The Feed Composition Data Bank (FCDB) of the International Feedstuffs Institute (IFI) has been transferred to NAL from Utah State University.

The transfer of the data bank is currently in progress and is expected to be complete by September 1985. At that time, all current functions of the FCDB including the maintenance of the International Feed Names File of the International Network of Feed Information Centers (INFIC), and the distribution of publications and feed composition tables will be accomplished by NAL.

Effective immediately, NAL and IFI ask that all requests for feed composition tables, publications, creation of new feed names, and assignment of international feed numbers, as well as submission of data, be directed to NAL at the following address: Feed Composition Data Bank, National Agricultural Library, 5th Floor, Beltsville, MD 20705.

Agricultural Research Service scientists at the Beltsville Agricultural Research Center will provide professional guidance in animal nutrition for the FCDB at NAL. In addition, Howard Lloyd, formerly with IFI, has joined the NAL staff as data specialist to continue the identification and numbering of unique feed descriptions and the maintenance of the data on nutrient value.



A new voice at the Reference Desk is that of Sharon Johnson. Sharon, on temporary assignment to NAL is from the Brown-Daniel Memorial Library, Tennessee State University where she works as a Reference and Government Documents Librarian. In addition to her duties at the Reference Desk, Sharon's busy schedule will include training in NAL's Technical Services Division.

NAL JOINS INTERNATIONAL AQUACULTURE PROJECT

The National Agricultural Library (NAL) and the National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce, have formally agreed to cooperate in the collection and dissemination of aquaculture information from around the world as part of an international project coordinated by the United Nations Food and Agriculture Organization (FAO).

NAL will provide support for the FAO's Aquatic Sciences and Fisheries Information System (ASFIS), by ensuring a flow of aquaculture-related documents from its own acquisitions to be abstracted, indexed, and entered into the ASFIS database, an international bibliographic service covering the world's literature on aquatic sciences and fisheries, including aquaculture.

As a corollary, the NAL will discontinue indexing most aquaculture articles into its own AGRICOLA database beginning in 1985, with the exception of those published by the U.S. Department of Agriculture and its cooperators.

Instead, future aquaculture literature will be available online through the Aquatic Science and Fisheries Abstracts data base (file 44 on the DIALOG system). This arrangement will permit a more thorough coverage of the literature of aquaculture than was previously available in AGRICOLA. It will also free NAL staff to provide better coverage in other areas.

The library also will offer a document delivery service for aquaculture-related literature found in the international data base. This fee-based service will be available to all requesters, worldwide.

For additional information contact: Debbie T. Hanfman, Aquaculture Information Center, Room 111, National Agricultural Library, Beltsville, Maryland 20705, (301) 344-3704.



FOOD IRRADIATION CENTER SLATED FOR NATIONAL AGRICULTURAL LIBRARY

The National Agricultural Library (NAL) has announced the formation of a national Food Irradiation Center. This action is in response to growing government and industry interest in the use of radiation for food preservation and treatment.

Recent widespread concerns over the potential health hazards associated with the application of post harvest chemical treatments such as ethylene dibromide (EDB) to food commodities spurred Library efforts to centralize and enhance access to the large body of food irradiation materials in existence.

A direct result of these efforts has been the acquisition of several important collections from the USDA Eastern Regional Research Center in Wyndmoor, Pennsylvania. These include the Raltech studies on the nutrition and toxicological properties of irradiated poultry meat and the findings from the Natick Laboratory and U.S. Army Test and Evaluation sponsored research on the effects of meat irradiation. Together they represent research conducted by leading authorities in government, industry, and academia during the time period 1945-84. The collections are particularly valuable for their inclusion of unpublished reports, supporting documents, and brochures. Processing of the collections is now underway.

The NAL hopes to broaden its commitment to provide information about the potential uses of food irradiation to consumers and scientists. The Library is actively pursuing avenues of support for expansion in the areas of collection development, information products, and public services.

The Library is now working with the Agricultural Research Institute's Special Committee on Irradiation Processes for Agricultural Products, the Coalition for Food Irradiation, and other organizations to identify sources of potential support for the Information Center. For further information contact Carole Shore, Food Irradiation Information Center Coordinator National Agricultural Library, Room 304, Beltsville, MD 20705, (301) 344-4369.



CALS ACQUIRES AQUATIC DATABASE

The Current Awareness Literature Service (CALS) of the National Agricultural Library (NAL) announces the addition of a new database, Aquatic Sciences and Fisheries Abstracts (ASFA), beginning January 1986. CALS is a computer-based literature searching system designed to keep USDA personnel posted on current literature in their fields of study.

ASFA is a comprehensive database on life sciences of the seas and inland waters as well as related legal, political, and social topics. It includes information on aquatic biology, oceanography, fisheries, and water pollution. ASFA cites primary journals, books, conference proceedings, and technical research reports. The database is updated

monthly (about 2,200 records per update and covers published literature from 1978 to the present.

Currently, 12 databases are searched: AGRICOLA (NAL); Biological Abstracts; Biological Abstracts/Reports, Reviews, Meetings; Chemical Abstracts; Commonwealth Agricultural Bureaux (CAB); Engineering Index; Food Science and Technology Abstracts; Government Reports Announcement (NTIS); Telegen; Water Resources Abstracts; World Textile Abstracts; and Zoological Record.

For more information concerning this new database or CALS service in general, please call or write: Information Systems Division, Current Awareness Literature Service, NAL Building, 5th Floor, Beltsville, MD 20705, telephone (301) 344-3859. The CALS DIALCOM mailbox is AGS3059.




On May 29, a working group met informally with Joe Howard, Director NAL to explore ways of increasing awareness of NAL's general holdings in floriculture and horticulture as well as progress in organizing the recently donated Truman Fossum Collection. Pictured from left are: Dr. Leo LaSota, Dept. of Horticulture, University of Maryland (UM); Lisa Karpinski, Graduate Student, UM; Dr. Alan Fusonie, Assistant Chief, Special Collections NAL; Dr. Bruno Quebedeaux, Chairman, Dept. of Horticulture, UM; and Joseph Howard.

SURPLUS PUBLICATIONS AVAILABLE

The following publications are surplus to the needs of the National Agricultural Library's collection. They will be made available to any interested organization that regularly sends free publications to NAL. This includes most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material.

If interested, please write to:
National Agricultural Library, USDA,
Attn: Collection Development,
Room 204, Beltsville, MD 20705, or call
Leslie Kulp, (301) 344-1562.

1. The Herbalist, a Publication of the Herb Society in America - (no. 1), 1935 - no. 10, 1944 and no. 29, 1963 - no. 47, 1981
2. International Review of Neurobiology - v. 1, 1959 - v. 16, 1974
3. Journal of Forestry - v. 51, 1953 - v. 60, 1962 (bound)
4. Journal of the Society of Chemical Industry - v. 1, 1882 - v. 20, 1901 (bound; v. 16, 1897 missing)
5. Le Lait - v. 40, 1960 - v. 51, 1971 (bound)
6. Life Sciences - v. 4, 1965 - v. 25, 1979 (bound)
7. Nature - v. 105, 1920 - v. 164, 1949 (bound)
8. Rubber Chemistry and Technology - v. 30, 1957 - v. 42, 1969 (bound)
9. Science - v. 18, 1903 - v. 80, 1934 (bound except v. 70 which lacks no. 1089 and index)
10. Transactions of the New York Academy of Sciences - v. 21, 1958 - v. 39, 1972 (bound)

11. USDA Experiment Station Record v. 12, 1900 - v. 92, 1945 (bound; includes bound indexes for v. 1 - v. 70) 

QUICK BIBLIOGRAPHIES


The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL reference staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. All titles in this series will be listed for 6 months. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requesters may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

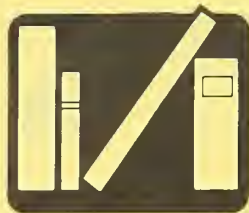
Public Services Division, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--85-15. SMALL FARMS AND FARMING IN THE U.S., 1982-84. 193 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. June 1985.

NAL--Q.B.--85-16. LEUCAENA: TREE OF MANY USES, JUNE 1981-DECEMBER 1984. 198 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. June 1985.

NAL--Q.B.--85-17. HERBICIDES: ECOLOGICAL EFFECTS, JANUARY 1983-DECEMBER 1984. 95 citations from AGRICOLA. Languages none excluded. Searched by Jayne T. MacLean. June 1985.

NAL--Q.B.--85-26. POISONOUS PLANTS, 1970-84. 263 citations from AGRICOLA. English only. Searched by Jayne T. MacLean. June 1985. 



NEW BIBLIOGRAPHIES

ACID PRECIPITATION: AN ANNOTATED BIBLIOGRAPHY. Denise A. Wiltshire and Margaret L. Evans (comp). Alexandria, VA, Dept. of Interior, U.S. Geological Survey. Geological Survey Circular 923. 1984. 282 p. (NAL Call No.: Z5862.2 A26W).

THE ECOLOGICAL IMPACTS OF WASTEWATER ON WETLANDS: AN ANNOTATED BIBLIOGRAPHY. Chicago, IL, Environmental Protection Agency, Region V, Eastern Energy and Land Use Team. 1984. 336 p. (NAL Call No.: Z697.S53E32).

FOOD ADDITIVES (JUNE 83 - MAR. 84): CITATIONS FROM THE FOOD SCIENCE AND TECHNOLOGY ABSTRACTS DATABASE, NATIONAL TECHNICAL INFORMATION SERVICE. Springfield, VA, National Technical Information Service. 1 v. (various pagings). (NAL Call No.: Z5776.C4F62 1984).

FOOD PRESERVATION PUBLICATIONS. Little Rock, AR. Arkansas University, Cooperative Extension Service. May 1984. 5 p. (NAL Call No.: 275.29 AR4LE).

A GUIDE TO THE LITERATURE FOR THE IDENTIFICATION OF FRESHWATER DIATOMS IN THE NETHERLANDS. H. van Dan. Amsterdam, Netherlands Hydrobiological Society. Hydrobiological Bulletin, v. 18 (2), June 1984. p. 11-16. (NAL Call No.: QH90.A1H9).

LITERATURE REFERENCES TO CHEMICAL CONTROL OF MOSQUITOES 1979-83. H. Sollers-Riedel (comp). Albany, NY, American Mosquito Control Association. Mosquito News, v. 44, June 1984. p. 256-261. (NAL Call No.: 421 M85).

A META-BIBLIOGRAPHY OF PUBLICATIONS ON LAND TENURE, AGRARIAN REFORM, AND RURAL MIGRATION (LATIN AMERICA). N. S. Gonzalez. Los Angeles, CA, UCLA Latin American Center Publications. Seminar on the Acquisition of Latin American Library Materials. 1984. p. 78-105. (NAL Call No.: 243.9 SE5F1).

THE PUBLISHED WORKS OF FERDINAND J. H. MUELLER (1825-1896). SUPPLEMENT (BOTANICAL PUBLICATIONS, AUSTRALIA). D. M. Churchill, T. B. Muir, D. M. Sinkora. Melbourne, National Herbarium of Victoria. Muelleria, v. 5 (4/5), Mar. 1984. p. 229-248. (NAL Call No.: 450 M88).

SEED GERMINATION AND ALLELOPATHY--CALIFORNIA. J. E. Keeley (comp). Davis, CA, California Water Resources Center, University of California, Davis. June 1984. p. 102-115. Report No. 58. (NAL Call No.: 292.9 C1282).

A SELECTED BIBLIOGRAPHY OF INSECT-VASCULAR PLANT ASSOCIATIONAL STUDIES. John M. Kingsolver, Suzanne W. T. Batra, Joyce A. Utmar (comp.). Washington, D.C., U.S. Department of Agriculture, Agricultural Research Service. 1984. 229 p. Bibliographies and Literature of Agriculture No. 27. (NAL Call No.: AZ5076.A1U54 No. 27).





NEW PUBLICATIONS OF NOTE

*AGRICULTURAL FINANCE STATISTICS, 1960-83. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1984. 53 p. (Statistical Bulletin No. 706). \$2.25. S/N 001-019-00336-7.

*AGRICULTURAL PROGRESS IN ECUADOR, 1970-82. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1984. 47 p. \$2.25. S/N 001-019-00347-2.

*AGRICULTURAL STATISTICS OF THE PEOPLE'S REPUBLIC OF CHINA, 1949-82. Washington, D.C., U.S. Department of Agriculture, Statistical Reporting Service. 1984. 76 p. \$3.00. S/N 001-019-00365-1.

*THE BRAZILIAN SOYBEAN INDUSTRY: ECONOMIC STRUCTURE AND POLICY INTERVENTIONS. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1984. 31 p. (Foreign Agricultural Economic Report No. 200). \$2.00. S/N 001-019-00332-4.

**BRITISH MARKET FOR U.S. FOOD EXPORTS. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 49 p. (Report No. FAER-210). \$8.50. PB-16603/XAB.

CASSAVA, NEW POTENTIAL FOR A NEGLECTED CROP. James H. Cock. 1985. 191 p. \$18.50. Order from Centro Internacional de Agricultura Tropical (CIAT), Apartado Aereo 6713, Cali, Colombia.

*CHECKING THE NET CONTENTS OF PACKAGED GOODS. Washington, D.C., U.S. Department of Commerce. 1984. 287 p. \$9.00. S/N 003-003-02616-6.

**ECONOMIC ASSESSMENT OF THE 1983-84 AVIAN INFLUENZA ERADICATION PROGRAM. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 61 p. (Report No. AGES-841212). \$10.00 PB85-159879/XAB.

*ENERGY'S ROLE IN WESTERN EUROPE'S AGRICULTURE. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1984. 30 p. \$1.75. S/N 001-019-00355-3.

**FIELD CROP PESTS: FARMERS REPORT THE SEVERITY AND INTENSITY. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 60 p. (Report No. AIB-487). \$10.00. PB85-167682/XAB.

**FINANCIAL CONSTRAINTS TO TRADE AND GROWTH: THE WORLD DEBT CRISIS AND ITS AFTERMATH. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 39 p. (Report No. FAER-211). \$8.50. PB85-159812/XAB.

**FOOD GAPS AND SURPLUSES IN DEVELOPING COUNTRIES: STATUS, TRENDS, AND IMPLICATIONS, 1967-88. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 24 p. (Report No. AGES-840912). \$7.00. PB 170769/XAB.

*HANDBOOK OF ECONOMIC STATISTICS. Washington, D.C., Central Intelligence Agency. 1984. (Economic statistics for most Communist and selected non-Communist nations covering the years 1960, 1965, 1970, 1975, and 1979-83). \$7.50. S/N 041-015-00158-2.

**HOW TO CONTROL STREAMBANK EROSION. Des Moines, Iowa, Iowa Dept. of Water, Air, and Waste Management and Soil Conservation Service, Washington, D.C. 1984. 31 p. \$8.50. PB85-159754/XAB.

**IMPACTS OF FARM POLICIES ON SOIL EROSION: A PROBLEM DEFINITION PAPER. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 39 p. (Report No. AGES-841109). \$8.50. PB85-156354/XAB.

****POSSIBLE ECONOMIC CONSEQUENCES OF REVERTING TO PERMANENT LEGISLATION OR ELIMINATING PRICE AND INCOME SUPPORTS.** Washington, D.C., U.S. Department of Agriculture, Economic Research Service. 1985. 101 p. (Report No. AER-526). \$13.00. PB85-156347/XAB.

POTENTIAL FOR FIELD BEANS (*Phaseolus vulgaris* L.) IN WEST ASIA AND NORTH AFRICA. Proceedings, Regional Workshop in Aleppo, Syria, 21-23 May 1983. 1985. 143 p. Price unknown. Order from Centro Internacional de Agricultura Tropical (CIAT), Apartado Aereo 6713, Cali, Colombia.

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***Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Tel: (202) 783-3238.**

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Vol. 1, no. 1 (Feb. 1984)-

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VISITORS

During June and July NAL was pleased to host the following international visitors on their travels to the International Association of Agricultural Librarians and Documentalists (IAALD) and Special Libraries Association (SLA) conferences in Canada.

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Industrias Agro-Alimentare, Portugal
N. W. Briggs, Food Research
Institute, Reading, England
Linda Miranda, VISCA, Leyte,
Philipines
Francinah Thabisi, Librarian,
Agricultural Research Library,
Lesotho, South Africa



AGRICULTURE DATEBOOK

August 4-7: 40TH ANNUAL MEETING OF THE
SOIL CONSERVATION SOCIETY OF AMERICA. St.
Louis, MO. Contact: Walt Peechatka, 7515
Northeast Ankeny Road, Ankeny, IA 50021.
Tel: (515) 289-2331.

August 7: AMERICAN AGRICULTURAL ECONOMICS
CONFERENCE. Ames, IA. Speaker: USDA
Assistant Secretary Orville Bentley.
Contact: (202) 447-5923.

August 13-16: WORLD CONFERENCE ON
CONTINUING EDUCATION FOR THE LIBRARY AND
INFORMATION SCIENCE PROFESSIONS. Palos
Hills, IL. Contact: Elizabeth W. Stone,
Dean, School of Library and Information
Science, Catholic University, Washington,
D.C. 20064.

August 18-24: INTERNATIONAL FEDERATION OF
LIBRARY ASSOCIATIONS AND INSTITUTIONS
(IFLA) GENERAL CONFERENCE. Chicago, IL.
Contact: Robert P. Doyle, IFLA '85
Coordinator, 50 E. Huron St., Chicago, IL
60611. Tel: (312) 944-6780.

August 21-23: SEVENTH ANNUAL CONFERENCE OF
INTERACTIVE VIDEODISC IN EDUCATION AND
TRAINING. Washington, D.C. Contact:
Society for Applied Learning Technology, 5
Culpepper Street, Warrenton, VA 22186.
Tel: (703) 347-0055.

August 25-September 1: 3RD INTERNATIONAL
PROTEA CONFERENCE AND 1ST INTERNATIONAL
PROTEA RESEARCH SYMPOSIUM. Johannesburg,
Republic of South Africa. Contact:
Conference and Symposium Secretariat,
Private Bag X5013, 7600 Stellenbasch,
Republic of South Africa.

August 26-30: CONFERENCE AND WORKSHOPS ON
PRESERVATION OF LIBRARY MATERIALS.
Stanford University, Stanford, CA.
Contact: Ann Menendez, ALA/RTSD, 50 East
Huron, Chicago, IL 60611. Tel: (312)
944-6780, Ext. 319.

August 27-29: CELEBRATION 50. Half a century of progress in conserving Indiana's natural resources.

Cloverdale, IN. Contact: Sycamore Trails RC&D, 1111A Indianapolis Road, Greencastle, IN 46135. Tel: (317) 653-9785.

August 28-30: 8TH INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING. London, England. Contact: 8th ICSE, IEE Conference Services, Savoy Place, London WC2R 0BL, England.

September 8-13: SYMPOSIUM ON ALLELOCHEMICALS: ROLE IN AGRICULTURE, FORESTRY, AND ECOLOGY. Chicago, IL, Hyatt-Regency. Speaker: USDA Assistant Secretary Orville Bentley. Contact: Dr. George R. Waller, Division of Biochemistry, Oklahoma State University, Stillwater, OK 74178. Tel: (405) 624-6199.

October 20-25: 48TH ANNUAL MEETING OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE (ASIS). MGM Grand Hotel, Las Vegas, NV. Contact: ASIS, 1010 Sixteenth St., N.W., Washington, D.C. 20036. Tel: (202) 659-3644.

October 27-31: 99TH ANNUAL ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS INTERNATIONAL MEETING. Washington, D.C., Shoreham Hotel. Contact: Margaret Ridgell, AOAC, 111 N. 19th Street, Suite 210, Arlington, VA 22209.

November 17-21: THIRD INTERNATIONAL DRIP/TRICKLE IRRIGATION CONGRESS. Centre Plaza Holiday Inn, Fresno, CA. Sponsored by the American Society of Agricultural Engineers and the Irrigation Association. The Cooperative State Research Service is a cooperative sponsor. Contact: ASAE, 2950 Niles Rd., St. Joseph, MI 49085-9659.

December 1-4: VIDEO DISC, OPTICAL DISK, AND COMPACT DISC CONFERENCE AND EXPOSITION. Wyndham Franklin Plaza Hotel, Philadelphia, PA. Contact: Judith Paris, Conf. Chairperson, P. O. Box 3484, McLean, VA 22103. Tel: (703) 448-5910.

December 2-4: USDA'S 62ND ANNUAL AGRICULTURAL OUTLOOK CONFERENCE. Washington, D.C.

Contact: Sally Michael. Tel: (202) 447-5447.

December 16-17: 5TH INTERNATIONAL SYMPOSIUM ON AGRICULTURAL WASTES. Hyatt Regency, Illinois Center, Chicago, IL. Contact: John M. Sweeton, Chairman, Program Committee of ISAW-85, 303 Scoates Hall, Texas A&M University, College Station, TX 77843. Tel: (409) 845-9795.

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January 20-24: INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING. Pretoria, South Africa. Contact: The Symposium Secretariat S.337, CSIR, P. O. Box 395, Pretoria 00001, South Africa.

March 17-21: SECOND INTERNATIONAL CONFERENCE ON THE APPLICATION OF MICRO-COMPUTERS IN INFORMATION DOCUMENTATION AND LIBRARIES. Baden-Baden, Federal Republic of Germany. Contact: Deutsche Gesellschaft fuer Dokumentation e.V. (DGD), Westendstrasse 19, D - 6000 Frankfurt am Main 1, Federal Republic of Germany.



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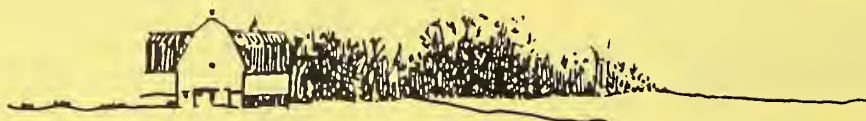
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